**Ticket out of Class**

1. When a true breeding round radish is crossed to a true breeding long radish, they produce oval radishes. What would be the phenotypic ratios of a cross between two oval radishes? Between an oval radish and a long radish? Show the Punnett Squares.

2. A paternity test is being done to determine who fathered a young child. The mother, Wilma Flinstone has type B blood. The child is shown to have type AB blood.

a) Put a checkmark for anyone who could be the father. Explain why.

\_\_\_\_\_ Tom Jones – Type A

\_\_\_\_\_ Jerry Garcia – Type B

\_\_\_\_\_ Jimbo Jones – Type AB

\_\_\_\_\_ James Bond – Type O

b) Which of the men could donate blood to Wilma?

**Ticket out of Class**

1. When a true breeding round radish is crossed to a true breeding long radish, they produce oval radishes. What would be the phenotypic ratios of a cross between two oval radishes? Between an oval radish and a long radish? Show the Punnett Squares.

2. A paternity test is being done to determine who fathered a young child. The mother, Wilma Flinstone has type B blood. The child is shown to have type AB blood.

a) Put a checkmark for anyone who could be the father. Explain why.

\_\_\_\_\_ Tom Jones – Type A

\_\_\_\_\_ Jerry Garcia – Type B

\_\_\_\_\_ Jimbo Jones – Type AB

\_\_\_\_\_ James Bond – Type O

b) Which of the men could donate blood to Wilma?